

ABSTRACT

A method and system for synchronizing objects among members of a replica set. An interval vector is maintained on each member. The interval vector includes one or more
5 intervals each of which has an upper and lower bound. During synchronization, the member sends the interval vector to the member with which it is synchronizing. The other member examines the interval vector and finds resources with versions that are not included in any of the intervals of the interval
10 vector. The other member then transmits these resources to the first member which uses them to update its store. The first member also updates its interval vector to account for the received resources.